

NOV 18 2004

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INTERCONNECTIONS FOR FLIP-CHIP USING LEAD-FREE SOLDERS AND HAVING REACTION BARRIER LAYERS

the specification of which (check one)

 is attached hereto. was filed on March 31, 2004 as United States Application Number 10/815,103

or PCT International Application Number _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sections 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)
<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)

I hereby claim the benefit under 35 U.S.C.120 of any United States Application(s), or 35 U.S.C.365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<input type="checkbox"/> (Application Serial No.)	<input type="checkbox"/> (Filing Date)	<input type="checkbox"/> (Status) (patented, pending, abandoned)
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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Send correspondence to: David Aker
23 Southern Road, Hartsdale, New York 10530
Direct Telephone Calls to: (name and telephone number) David Aker - (914) 674-1094

Keith E. Fogel
Full name of sole or first inventor

Inventor's Signature 11/12/04 Date

7 Dew Drop Lane, Hopewell Junction, New York 12533
Residence

United States of America
Citizenship

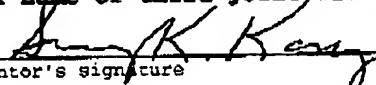
Same as above.
Post Office Address

Balaram Ghosal
Full name of second joint-inventor, if any

Inventor's signature 11/12/04 Date
2D Fishkill Glen Condo., Fishkill Glen Rd, Route 52, Fishkill, New York 12524
Residence

India
Citizenship

Same as above.
Post Office Address

Sung K. Kang
Full name of third joint-inventor, if any

Inventor's Signature 11/12/04 Date

36 Mayberry Road, Chappaqua, New York 10514
Residence

United States of America
Citizenship

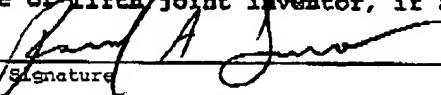
Same as above.
Post Office Address

Stephen Kilpatrick
Full name of fourth joint-inventor, if any

Inventor's signature 11/12/04 Date
15 Dartmoor Court, Olney, MD 20832
Residence

United States of America
Citizenship

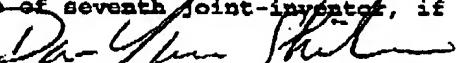
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Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONPaul A. LauroFull name of fifth joint inventor, if any11/12/04

Date

Inventor's signature25 Pine Road, Brewster, New York 10509ResidenceUnited States of AmericaCitizenshipSame as above.Post Office AddressHenry A. Nye IIIFull name of sixth joint-inventor, if anyInventor's signature

Date

196 Whisconier Road, Brookfield, CT 06804ResidenceUnited States of AmericaCitizenshipSame as above.Post Office AddressDa-Yuan ShihFull name of seventh joint-inventor, if any11/15/2004

Date

Inventor's signature16 Vervalen Drive, Poughkeepsie, New York 12603ResidenceUnited States of AmericaCitizenshipSame as above.Post Office AddressDonna S. Zupanski-NielsenFull name of eighth joint-inventor, if anyInventor's signature

Date

88 Jefferson Court, Yorktown Heights, New York 10598ResidenceUnited States of AmericaCitizenshipSame as above.Post Office Address

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Full name of sole or first inventor

Inventor's Signature

Date

7 Dew Drop Lane, Hopewell Junction, New York 12533
ResidenceUnited States of America

Citizenship

Same as above.

Post Office Address

Balaram Ghosal

Full name of second joint-inventor, if any

X Balaram GhosalNovember 12, 2004

Inventor's signature

Date

2D Fishkill Glen Condo., Fishkill Glen Rd, Route 52, Fishkill, New York 12524
ResidenceIndia

Citizenship

Same as above.

Post Office Address

Sung K. Kang

Full name of third joint-inventor, if any

Inventor's signature

Date

36 Mayberry Road, Chappaqua, New York 10514
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Citizenship

Same as above.

Post Office Address

Stephen Kilpatrick

Full name of fourth joint-inventor, if any

Inventor's Signature

Date

15 Dartmoor Court, Olney, MD 20832
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Same as above.

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Paul A. Lauro
Full name of fifth joint inventor, if any

Inventor's Signature _____ Date _____

25 Pine Road, Brewster, New York 10509
Residence

United States of America
Citizenship

Same as above.
Post Office Address

Henry A. Nye III
Full name of sixth joint-inventor, if any

Inventor's signature _____ Date _____

196 Whisconier Road, Brookfield, CT 06804
Residence

United States of America
Citizenship

Same as above.
Post Office Address

Da-Yuan Shih
Full name of seventh joint-inventor, if any

Inventor's signature _____ Date _____

16 Vervalen Drive, Poughkeepsie, New York 12603
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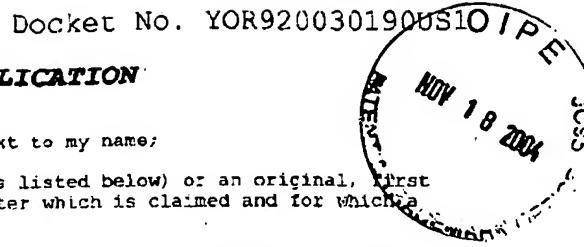
Donna S. Zupanski-Nielsen
Full name of eighth joint-inventor, if any

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Stephen KilpatrickFull name of fourth joint-inventor, if anyX Stephen Kilpatrick
Inventor's SignatureNovember 15, 2004
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ResidenceUnited States of America
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Full name of fifth joint inventor, if any

Inventor's Signature

Date

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Henry A. Nye III

Full name of sixth joint-inventor, if any

Inventor's signature

Date

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Citizenship

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Post Office Address

Da-Yuan Shih

Full name of seventh joint-inventor, if any

Inventor's signature

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Donna S. Zupanski-Nielsen

Full name of eighth joint-inventor, if any

Inventor's signature

Date

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Post Office Address

FROM :AKER

FAX NO. :914 479 5304

Nov. 15 2004 08:05PM PT

Docket No. Y0R920030190US1

NOV 18 2004

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FAX NO. :914 479 5304

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Docket No. Y0R920030190US1

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Page 3/3

Page 1 of 2

(IBM DocID: YOR920030190US1)

(JOINT FORM)

NOV. 15 2004 09:08PM PA

FAX NO. : 914 479 5384

FROM : AKER

Docket No. Y0R92003097051

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<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> (Number)	<input type="checkbox"/> (Country)	<input type="checkbox"/> (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)
<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)

I hereby claim the benefit under 35 U.S.C.120 of any United States Application(s), or 35 U.S.C.365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<input type="checkbox"/> (Application Serial No.)	<input type="checkbox"/> (Filing Date)	<input type="checkbox"/> (Status) (patented, pending, abandoned)
<input type="checkbox"/> (Application Serial No.)	<input type="checkbox"/> (Filing Date)	<input type="checkbox"/> (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

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